SMOKY CHIMNEYS.

SUTER'S VENTILATING WIND-GUARD,

Registered 1850.

Is a certain cure for Smoky Chimneys, and will effectually Ventilate Close Rooms or Buildings.

EXHIBITED AT THE GREAT EXHIBITION, 1851.

Price 15s. Made of strong Zinc, to fit 10-inch Chimney Pot, and made to any size or shape, at a small additional charge.

This Guard, from its peculiar construction and novel action, entirely prevents the external air entering the top of the Chimney, and exhausts the air in the Chimney, causing a continuous up draught; thereby perfectly ventilating any rooms or buildings where there is no fire, and effectually preventing the return of Smoke into any room where there is a fire.

TESTIMONIAL.

"City-road, June 3rd, 1851.

"Sir,—Your Ventilating Wind Guards have been amply tested on our premises for the last three months, and they have given us great satisfaction: we consider them a cheap, simple, and effectual remedy.

"(Signed) "S. MORDAN and CO."

A LIBERAL DISCOUNT FOR CASH TO THE TRADE.

Orders to the Proprietor,

ALFRED SUTER, 65, FENCHURCH-STREET, LONDON.

VENTILATION—PURE AIR.

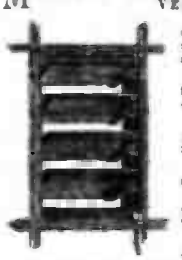
Sherringham's Ventilator, for the admission of pure air through an

EXTERNAL WALL.

With single pulley, from 6s. each; with leading pulley, from 8s. 6d.

These Ventilators are so arranged that the requisite quantity of air may be admitted for the due ventilation of an apartment without the slightest draught being felt by the occupants; and as they are placed in the external wall, their action is not impeded when the rooms is closed for the evening, at which time a constant supply of fresh air is most required.—HAYWARD, BROTHERS, sole Manufacturers, 168, Blackfriars-road, and 127, Union-street, Borough; and of all respectable Ironmongers, Builders, &c.

MOORE'S PATENT MOVEABLE GLASS VENTILATOR.



For Windows, Partitions, Stabling, Greenhouses, &c. and for exportation made to any Size and Form, from 10s. and upwards.

The greatest amount of ventilation is obtained without draught, and it can be adjusted to any quantity.

For removing steam from windows, and smoke from rooms, it is most effectual.

List of Prices may be obtained by application.

N.B. A Working Model forwarded by post, upon receipt of 14s. which will be returned upon receipt of Model.

Ventilators on an improved principle for Chimneys, Air-Flues, &c.

MANUFACTORY, 39 and 39, Clerkenwell Close, London.

Church and House Clock Makers to the Honourable Board of Ordnance, the Russian Government, and the Emperor of China.

Number of Church Clocks made by the above Firm, 810;
ditto House Clocks, 11,000.

HEATING BY HOT WATER.—J. JONES,

Iron Merchant, has always a great variety of CONICAL and SADDLE BOILERS in STOCK: also fire and furnace bars, ornamental and plain supply cisterns, double doors and frames, furnace grates, ash doors for the same, hot water pipes, elbows, tees, syphons, throttle valves, stop cocks, flange and socket elbows, &c.; also, trough pipes. Drawings and prices of the above, on application to J. JONES, Iron-bridge-wharf, No. 6, Bankside, London, near the Southwark-iron-bridge.

CALORIFERE.—Gold Medal, Paris Exhibition, 1849.

—A 250,000 cubic feet room warmed by hot air only, at 65 degrees Fahrenheit, in burning 16 lbs. of coal per hour. The most complete safety against fire, the best fitted and most powerful ventilation, without any machinery, are obtained by BOILEVE'S PATENT CALORIFERE. The constant supply of fresh air carried out instantaneously, by a new well-improved process, all damp or vitiated air, that makes it very desirable for churches, schools, theatres, hospitals, manufactories, cafés, houses of any size, laundries, and green houses. The Calorifere has been adopted by his Grace the Duke of Bedford, at Woburn Abbey, by several architects, and it may be seen in operation in many places in London and country.—Apply, per post, to T. BOILEVE, French Engineer, 16, Frenchurch-street, London.

STEPHENSON and PEILL, 61, Gracechurch-

street, London, and 17, New Park-street, Southwark, Manufacturers of CHIP-ER CYLINDRICAL and improved CONICAL IRON BOILERS, and Conservatory and Hot-house Builders, either in wood or iron, respectfully call the attention of the nobility, gentry, and inspectors to their simple but effectious method of warming horticultural and other buildings by Hot Water. From the extensive works they have executed references of the highest respectability can be given, and full particulars furnished on application.

NEW HOUSES OF PARLIAMENT.—

DEVRIEN'S GAS STOVES, RANGES, and BATHS, just completed for two kitchens in the above building.—A great variety in stock upon the same principle. Gas Baths from 7s. by which a warm bath may be obtained for three-halfpence. Gas Cooking and Heating Stoves for all classes, from 1l. Defrie's celebrated Dry Gas Meters, 45s. to 12l. Test models at the office, 143, Regent-street. Manufactories removed from Hampstead-road and St. Martin's-lane to more extensive premises, New-road, near Albany-street.

TOZER'S PATENT VENTILATING GAS STOVE,

for halls, shops, offices, &c. price 35s. This stove is constructed on the principle of ventilation, combined with economy, the consumption of gas being only 3d. for twelve hours. The absorbers of all smoke and dust particularly recommends it for the use of libraries, or wherever warmth is required. Also,

TOZER'S PATENT SUN STOVE,

to burn coke, suitable for village churches, &c.

T. TOZER,

Ironmonger and Manufacturer,

88, Dean-street, Soho.

COLLINGE'S PATENT HINGES.—Sole

Manufacturers, CHARLES COLLINGE and CO., 64 and 65, Bridge-road, Lambeth, where a great variety are always on view for church, park, railroad, conservatory, and other gates and doors of large and small dimensions, a gate of a ton weight moving with the same ease as a wicket. Ornamental hinges, &c.; doors fitted with them may be removed and replaced in an instant. Rising and double-acting spring hinges, and every description of ... to moderate prices. Those genuine unless marked "Charles Collinge, Patent, Lambeth." Plain and ornamental cast and wrought iron work, for building and other purposes. Engines, machinery, patent sale-room, sugar-mills, &c.

CAST-IRON PIPE AND GUTTER.

Rain-Water Pipe	2d.	1½d.	12d. per yard.
	3	2½	3 inches.
Half-round Gutter	7½	7½d.	9½d. per yard.
	3½	4	4½ inches.
OG. Gutter		11d.	13d. per yard.
		4	4½ inches.

C. and J. F. GARNER, 77, Queen-street, Cheapside.

53, CHARLES-STREET, HAMPSTEAD-ROAD.

REGISTERED PRIZE ENAMELLED MANGERS

and Stable Fittings of every description, Rain Water Pipe, Gutters, Pumps, and all Castings required for buildings and other purposes. Delivered free to any railway station in London.

BUILDINGS HEATED BY HOT WATER.

Price list gratis. Catalogues for four postage stamps.

53, CHARLES-STREET, HAMPSTEAD-ROAD.

G. H. COTTAM, JUN. AND CO.

PATENT WROUGHT NAILS.—These NAILS

are submitted to the notice of Builders, Contractors, and ship-builders, as being superior to any others, and cheaper. They have the toughness of the best hand-made nails, with far greater uniformity of make. The flat-pointed rose nails are particularly recommended wherever oak or other hard wood is used; being perfectly chisel-pointed, they require no boring, and will drive into the hardest wood without splitting it, and their heads, being very strong, do not fly off. The patent wrought nails may be had of all ironmongers. A stock of them is kept at the warehouses of the agents, HIGGS and GEORGE, Wholesale Ironmongers, 178, Borough, London.

NAILS and IRONMONGERY,

from BIRMINGHAM direct.

Builders, Contractors, and Others, supplied with Nails, Iron, and Ironmongery of every description, at the

LOWEST BIRMINGHAM PRICES.

a complete LIST of which

will be forwarded upon application.

FREDERICK BLYTH,

Nail Manufacturer and General Factor,

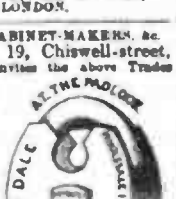
Edmund-street, BIRMINGHAM;

or, at 16, Gresham-street, LONDON.

TO BUILDERS, CARPENTERS, CABINET-MAKERS, &c.

JOHN DALE, 18 and 19, Chiswell-street,

Finsbury-square, respectfully invites the above Trades to the inspection of his immense stock of Ironmongery which cannot be surpassed in variety, quality, and cheapness by any house in London.



Elliptic Stoves, double backs,
2½d. per inch, and upwards.

Register Stoves, 4½d. 5d. 6d. 6½d. 7½d. per inch.

Self-acting Ranges, with circular ovens and back boilers, best wrought bars and bright flanges:—

3 ft., 2l. 16s.; 3 ft. 6 in., 3l. 3s.; 4 ft., 3l. 15s.

3-feet Cottage Ranges, with ovens and back boilers, 32s. each.

3-feet self-acting ditto, ditto, 34s. each.

Air Bricks, 2s. 3d. per doz.

Best Town Glue, 12s. Ditto, Scotch, 20s. per cwt.

Best Patent Stash Line.

1	2	3	4	5	6
4s.	4s. 6d.	5s. 6d.	7s.	8s.	10s. 6d. per gross.

And every material required in the building, hall hanging, upholstery, and brass-foundry trades on the most reasonable terms.

List of Prices had on application at the Warehouse, or by letter prepaid.

CLARK and HUNT'S IRONMONGERY,

STOVE and METAL WAREHOUSE, 149, Shoreditch.

Improved Self-acting Cottage Ranges,	2s.	2s.	2s.	2s inch.
with Large Oven and Boiler	28s.	30s.	32s.	34s.
Best Self-acting Ranges, with Oven and Back Boiler, Bright Wrought Bars	34	36	38	42 inch.
	54s.	56s.	58s.	62s.

Strong Elliptic Stoves, with Extra Back and Solid Bars, per inch, 3½d.

Register Stoves, with Solid Bars, per inch, 3d. Best Solar ditto with Fire Brick Back, per inch, 10d.

Bright Stoves, with Two Fires, 30s. to 100s. each.

Cast Rain-water Pipe	2	3	3 inch.
	6d.	10d.	1s. per yard.
Cast Gutters—4 inch, 8d. per yard.			
O. G. Gutters	4		4½ inch.
	11d.		1s. per yard.

In consequence of the advance of Iron, a new List of Sizes is preparing.

Patent Line	2	3	4	5	6
	4½d.	5d.	7d.	9d.	1s. per knot.

6-inch 3-Bolt Rd. Ward Mortise, with best Furniture and Patent Spindles, 2s. each. Light Elliptic and Register Stoves, 12s. per cwt.

Dr. Arnott's Ventilators, 6s. 6d. each.

An extensive stock of bar, rod, hoop, and sheet iron.

Clark and Hunt's Improved Steam Paper.

FOUNDRY AND IRON WORKS,

68, DRURY-LANE, and CHARLES-STREET, DRURY-LANE.

GLOVER, BROS.,

Solicit the attention of the Trade to their extensive Stock of PATTERNS for CASTINGS of EVERY DESCRIPTION, either structural or ornamental.

Patterns of Girders, Colonnades, Balconies, Railing, Ornamental Carriage and Park Gates, Lamp and Street Posts, Tanks, Pipes, Wheels, Pinions, Lathes, and Steam-engines; Range and Hot-plate Metal. An improved Soot Door adapted for internal work.

A large stock of Rain-water Pipes, Plain and O.G. Gutters, Air-bricks, Sash Weights, Air-tight Sewer Grates, Stable Fittings, Hurdles, &c.

Plain and Ornamental Vases 20 per cent. cheaper than Terra-cotta.

Estimates given for Iron Buildings, Wrought-iron Roofing, Green-houses, Staircases, Wrought-iron Girders, Fireproof Doors, Book-cases and Strong Rooms, Tanks and Boilers, and every description of ironwork to specification, and the work executed with every attention to quality and despatch.

GLOVER BROS' IRONWORKS,

168, DRURY-LANE, and CHARLES-STREET.

AUSTIN'S IMPERIAL

PATENT SASH and BLIND LINE,

can be obtained of all

ROPEMAKERS, IRONMONGERS, FACTORS AND WHOLESALE HOUSES IN TOWN OR COUNTRY.

BUILDERS, Contractors, Carpenters, and others

are invited to inspect the stock of

NAILS, TOOLS, BRASS, AND GENERAL IRONMONGERY

at PEILL and STEVALLS',

Nos. 5 and 6, BROAD-STREET, BLOOMSBURY.

The prices will be found the lowest, and the stock one of the largest in the trade. A price list sent on application.

A PRIZE MEDAL for SUPERIOR LOCKS

was awarded to J. H. BOOBBYER at the Great Exhibition of 1851, who invites the attention of Builders, &c. to his stock of Ironmongery, Brass Foundry, Nails (wrought and cut), Copper, and Zinc; Patent Locks of all descriptions; China, Glass, and Wood Furnitures of all kinds, with Patent Shifting Spindles; Dr Arnott's Ventilators, 6s. 6d.; and the new registered Venetian Ventilators, 12 inch admired, &c. 6s. 6d. each.

J. H. BOOBBYER (late STURCH and BOOBBYER), established nearly 200 years, for the supply of Goods from the best Manufactories, at the lowest prices.

14, Stanhope-street, Clare-market, London.

CHUBBS' LOCKS, FIRE-PROOF SAFES, AND CASH BOXES.

CHUBBS' PATENT DETECTOR LOCKS give

perfect security from false keys and picklocks, and also detect any attempt to open them. They are made of all sizes, and for every purpose to which locks are applied, and are strong, secure, simple, and durable.

CHUBBS' PATENT LATCH, for front doors, counting-house doors, &c. is simple in construction, low in price, and quite secure. The keys are particularly neat and portable.

CHUBBS' PATENT FIRE-PROOF SAFES, BOOKCASES, CHESTS, &c. made entirely of strong wrought-iron, so as effectually to resist the falling of brickwork, timber, &c. in case of fire, and are also perfectly secure from the attacks of the most skilful burglars.

CHUBBS' CASH and DEED BOXES, fitted with the Detector Locks.

CHUBBS and SON, 57, St. Paul's Churchyard, London.

GREAT FIRES in MARK-LANE and

SOUTHAMPTON-STREET, STRAND.—In these destructive Fires Deeds and Documents of immense value have been preserved uninjured by "LEADBEATER'S PATENT FIRE-PROOF SAFES" "LEADBEATER'S STRONG WROUGHT-IRON FIRE-PROOF DOOR SAFES, CHESTS, and DOORS, for Strong Rooms, Plate Closets, and Party-walls, &c. of best make, and possessing all the most recent improvements, are the best description for property of every description in the world; extra-strong Cash and Deed Boxes, with Detector Locks; Patent Detector Locks and Latches for all purposes.

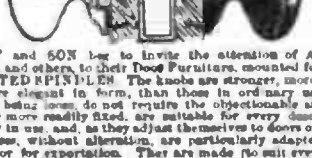
A large assortment on hand at LEADBEATER'S MANUFACTORY, 125, ALDERSGATE-STREET, CITY of LONDON, where Prospectuses may be had.

LEADBEATER, many years Manufacturer for Chubb.

By her Majesty's

Royal Letters Patent.

PITT'S PATENT SELF-ADJUSTING DOOR KNOBS AND LOOSE SPINDLES.



HART and SON beg to invite the attention of Architects, Builders, and others, to their Door Furnitures, mounted for PITT'S PATENTED SPINDLES. The knobs are stronger, more durable, and more elegant in form, than those in ordinary use, as the spindles, being loose, do not require the objectionable side screw. They are more readily fixed, are suitable for every description of lock now in use, and, as they adjust themselves to doors of different thicknesses, without alteration, are particularly adapted for the country or for exportation. They are made (to suit every style of decoration) in China, crystal, amber, and opal glass, buffalo, horn, ivory, ebony, brass, &c. on sets with finger plates, bell-pulls, levers, &c.—May be obtained of all Ironmongers; or of the Proprietors and Manufacturers, HART and SON, Wholesale and Manufacturing Ironmongers, 53, 54, and 55, Wych-street, Strand, London.

GEORGE HART, 253, Strand,

Near Temple-bar,

Solicits the attention of builders and others to his extensive stock of

GENERAL IRONMONGERY,

which for quality and lowness of price cannot be surpassed; also to his stock of

PITT'S PATENT DOOR FURNITURE,

for which he, in connexion with the late firm of Hart and Sons, obtained a

PRIZE MEDAL

at the late Great Exhibition. His reduced price list may now be had post free on application.

GEORGE HART, in soliciting the patronage of his friends and the public, assures them that they will find all articles of the best quality and at such prices that will insure the favour of continued commands.—HART'S, 253, Strand.

ROBSON and SON'S IMPROVED WHEEL

TIRE, for lessening the draught of Vehicles, and reducing the friction upon the axles.—R. and Son, Wheelwrights and Hoop Tire-smiths, having registered an Improved Iron (which is manufactured by a process recently patented), are prepared to tire wheels with the above iron, which has many advantages over the flat tire, as the strain is removed from the front and back edges to the centre, thereby decreasing the dreadful gravity in vehicles with six-inch tire and under.—N.B. Old wheels can be new tired with the above iron.—Lists of prices may be had on application at the factory, Lisgreenpond-street, and Laystall-street, Gray's-inn, Holborn, London.

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